

Answers

Theme 1: All About Us Ch-1: Early Civilizations

Main Coursebook

I am ready

A	Z	O	V	K	S	M	F	K	L
G	F	I	R	E	Z	P	R	M	F
W	H	N	L	M	H	I	R	C	A
H	W	C	O	O	K	I	N	G	R
E	E	Q	E	A	T	E	R	M	M
E	B	D	W	O	P	X	N	X	I
L	A	C	A	P	M	C	F	Z	N
G	H	U	N	T	I	N	G	N	G

Icebreaker: CIVILIZATION

In-text Question (Page 5)

1. false
2. false

In-text Question (Page 6)

1. false
2. true

I am a learner

- A. 1. c 2. a 3. b
4. c 5. b
- B. 1. fertile for farming 2. terracotta
3. Iraq 4. Ur
5. pharaoh
- C. 1. Early civilizations emerged close to rivers because rivers are an important mode of transport, and it encouraged trading between places.
2. Gurmeet is reading about the Mesopotamian civilization.
- D. 1. Following are some features of a civilization:
- large number of people living in an area
 - presence of towns and cities with well-planned houses, markets, and holy places
 - proper drainage system
 - trade with other places
2. In the beginning of the Indus Valley civilization, several cities, towns and villages emerged on the banks of the river Indus much before Christ was born. These together formed the Indus Valley Civilization. It had many important cities and towns. The two

most important cities were Harappa and Mohenjo-Daro. The people were adept builders. This civilization was known for its well-planned cities and proper drainage system. The people were farmers, weavers, potters, metalworkers, toymakers, jewellers, stonecutters, seal makers, boat makers, masons and traders. Traders used different seals to ensure the quality of the goods being traded. The famous sculpture of the dancing girl belongs to this civilization.

I am an artist: Accept all relevant responses.

MY SECRET JOURNAL: Accept all relevant responses.

I am a thinker: A good drainage system helps drain excess water which prevents flooding. As still water encourages mosquito breeding, having a good drainage system helps in having a healthy environment.

I am an all-rounder

- A. **English:** 1. pieces 2. height
B. **Maths:** 4,000 + 700 + 0 + 0
C. **Science:** Carbohydrates, fats, proteins

I am a project whiz: Accept all relevant responses

I love my little book: Accept all relevant responses

Students' Worksheets

Worksheet 1

- A. 1. well 2. developed 3. Indus
4. two 5. laws
B. 1. false 2. true 3. false
4. true 5. false
C. 1. b 2. a 3. d
4. e 5. c

Worksheet 2

- A. 1. rivers 2. Mohenjo-daro
3. seals 4. Mesopotamians
5. pharaoh
B. 1. RIVER HWANG HO 2. KITE FLYING
3. BAMBOO PLATES 4. PAPER
5. GREAT WALL OF CHINA
C. 1. true 2. false 3. true
4. false 5. true

Worksheet 3

- A. 1. Indus 2. Harappa
3. Mesopotamian Civilization
4. ziggurats 5. pharaohs

- B. 1. Mesopotamian Civilization
2. Chinese Civilization
3. Egyptian Civilization
4. Indus Valley Civilization
5. Indus Valley Civilization
- C. 1. false 2. false 3. false
4. false 5. false

Worksheet 4

- A. 1. drainage 2. terracotta 3. sculpture
4. ziggurats 5. The Sun god
- B. 1. Ur 3. Tigris 4. Ziggurats
5. Euphrates
- C. 1. Paper-like sheets

Teacher's Worksheets

Worksheet 1

- A. 1. fertile 2. dancing girl
3. Iraq 4. boxing and wrestling
5. Egyptians
- B. 1. The Egyptians wrote on paper-like sheets made from a plant called papyrus.
2. They preserved the dead bodies of their kings.
5. They built magnificent buildings, called the Pyramids.
- C. 1. DRAINAGE 2. INDUS VALLEY
3. MASONS 4. ZIGGURATS
5. COMPASS

Worksheet 2

- A. 1. builders 2. Tigris and Euphrates
3. Mesopotamians 4. Sun
5. enemies
- B. 1. The Indus Valley Civilization
2. The Mesopotamian Civilization
3. The Egyptian Civilization
4. The Chinese Civilization
5. The Chinese Civilization
- C. 1. A developed and organised society is called a civilization.
2. The rivers provide a ready access to water for drinking and other purposes. The areas close to rivers are fertile. Rivers are important mode of transportation and they also encourage the growth of trade.
3. The Indus Valley Civilization is known for its well-planned cities and a proper drainage system.
4. The River Nile was a lifeline for the Egyptian Civilization.

5. The Chinese were the first to grow tea and produce silk. The technique of printing was also invented by them. They also invented the compass, the umbrella and paper money.

Theme 2: Resources We Care For Ch-2: Water Resources of India

Main Coursebook

I am ready

- A. three B. Yamuna

Icebreaker: INDIAN OCEAN

In-text Question (Page 3)

1. true 2. false
3. true

I am a learner

- A. 1. c 2. a 3. c
4. c 5. b
- B. 1. Farmers 2. groundwater
3. bigger 4. Tank
5. multi-purpose projects
- C. 1. When rainwater falls on Earth, much of it is absorbed by the ground. This is known as groundwater.
2. Neha sees a Persian wheel which is used to draw water.
- D. 1. Water covers three fourths of earth's surface. The following are the different sources of water.
- Rain – A majority of freshwater is obtained from rain.
 - Groundwater – When rainwater falls on Earth, much of it is absorbed by the ground.
 - Ponds and lakes – A pond is a small area of water surrounded by land. Lakes are bigger than ponds.
 - Rivers – This water body is of two types. Rivers that start from the mountains carry water from melted snow and rain. These rivers carry water throughout the year. Rivers that start in the plateaus get water only from rain. They almost disappear in summer.
 - Seas and oceans – They contain most of the water present on the Earth. This water is salty. Therefore, we cannot use it.
2. There are many different types of irrigation. Some of them are as follows:
- A Persian wheel, which is used to draw water.

- A Tube well, which is used to dig out water from the ground.
- Canals are small channels dug to take water from rivers to fields.
- Sometimes when it rains, low-lying areas get filled with water. These are called tanks.
- Sprinklers are used to spray water in the crops using a pipe.
- Dams are built across a river to stop the flow of water. It stores water, generates hydroelectricity, controls floods and provides water for irrigation.

I am an artist: Accept all relevant responses

MY SECRET JOURNAL: Accept all relevant responses

I am a doer: Accept all relevant responses

I am an all-rounder

- A. **English:** 1. splash 2. rustle
- B. **Maths:** 64, 615
- C. **Science:** We should wash and store woollen clothes because woollen clothes are sensitive and are easily attacked by insects.

I am a project whiz: Accept all relevant responses

I love my little book: Accept all relevant responses

Students' Worksheets

Worksheet 1

- A. 1. groundwater 2. crops
3. small 4. rainwater 5. two
- B. 1. RAIN 2. GROUNDWATER
3. PONDS 4. LAKES 5. RIVERS
- C. 1. false 2. false 3. true
4. true 5. false

Worksheet 2

- A. 1. seas 2. irrigation 3. draw
4. groundwater 5. channels
- B. 1. e 2. a 3. d
4. b 5. c
- C. 1. false 2. false 3. false
4. true 5. true

Worksheet 3

- A. 1. mountains 2. plateaus 3. salty
4. Punjab 5. Rainwater
- B. 1. false 2. false 3. false
4. true 5. true

- C. 1. Well and tube wells 2. Canals
3. Tanks 4. Sprinklers 5. Dams

Worksheet 4

- A. 1. Water 2. Farmers 3. summer
4. tubewells 5. rivers
- B. 1. WELL 2. TANK 3. CANAL
4. TUBEWELL 5. SPRINKLER
- C. 1. dam

Teacher's Worksheets

Worksheet 1

A.

R	A	I	N	P	O	O
P	O	N	D	U	G	C
F	H	F	L	E	X	E
D	H	E	A	S	W	A
X	F	D	K	C	Q	N
R	I	V	E	R	S	S
Q	F	V	S	W	Y	R

- B. 1. Wells are dug to use ground water.
5. Wells and tube wells are extensively used in Uttar Pradesh, Punjab, Haryana and Gujarat.
- C. 1. False 2. False 3. True
4. True 5. True

Worksheet 2

- A. 1. Rain 2. Groundwater
3. Ponds and lakes 4. Rivers
5. Seas and oceans
- B. Accept all relevant responses.
- C. 1. When rainwater falls on the Earth, much of it is absorbed by the ground. This is known as groundwater.
2. Canals are small channels dug to take water from rivers to fields.
3. Tank irrigation is practiced mainly in Tamil Nadu, Andhra Pradesh, Karnataka and Madhya Pradesh.
4. In this method, water is sprayed into the air using a pipe. It falls on the crops like rain.
5. Dams generates hydroelectricity.

Theme 2: Resources We Care For Ch-3: Mineral Resources of India

Main Coursebook

I am ready: Accept all relevant responses

Icebreaker: RICE

In-text Question (Page 18)

1. Mining 2. Manganese

I am a learner

- A. 1. a 2. a 3. a
4. a 5. a
- B. 1. False 2. True 3. True
4. False 5. True
- C. 1. Mining is the process of obtaining minerals from under the ground.
2. Minerals from which we obtain metals like bauxite, copper, gold, iron ore, etc. are metallic minerals.
3. Maya uses a bicycle.
- D. 1. Copper, iron, manganese, bauxite and gold are metallic minerals. They are obtained from mines and melted in large factories to produce pure metals.
- Bauxite is mainly used to make aluminum, which is used to make aeroplanes, utensils, etc.
 - Copper is used to make tools, electrical wires, etc.
 - Gold is used to make jewellery.
2. Fossil and mineral fuels are non-metallic minerals. Minerals like limestone, salt, petroleum, coal, etc. are examples of non-metallic minerals. They are extracted from far down the earth. Special wells are dug to reach and extract minerals like oil.

I am an artist: Accept all relevant responses

MY SECRET JOURNAL: Accept all relevant responses

I am a thinker: Natural gas

I am an all-rounder

- A. **English:** 1. faulty 2. caught
B. **Maths:** 2133 items
C. **Science:** Hot coal can be used in a steam iron to remove the creases of clothes.

I am a project whiz: Accept all relevant responses

I love my little book: Accept all relevant responses

Students' Worksheets

Worksheet 1

- A. 1. Surface 2. Mining 3. holes
4. resources 5. jewellery
- B. 1. ORES 2. SEA 3. MINE
4. MINERALS 5. STEEL
- C. 1. false 2. true 3. false
4. false 5. false

Worksheet 2

- A. 1. deep inside the Earth's surface
2. mining 3. aluminium
4. gold 5. non-metallic minerals
- B. 1. M 2. M 3. N
4. M 5. N
- C. 1. b 2. a 3. e
4. c 5. d

Worksheet 3

- A. 1. Metal 2. metallic 3. Manganese
4. non-metallic 5. oilfield
- B. 1. GOLD 2. IRON ORE 3. COPPER
4. COAL 5. NATURAL GAS
- C. 1. false 2. false 3. false
4. false 5. true

Worksheet 4

- A. 1. gold
B. 1. salt
C. 1. true 2. false 3. false
4. false 5. true

Teacher's Worksheets

Worksheet 1

- A. 1. Bauxite, copper, gold, iron ore, manganese
2. Limestone, salt, precious stones, coal and petroleum
3. Madhya Pradesh and Chhattisgarh
4. Assam and Gujarat
5. Manganese is used to make steel and other alloys.
- B. 1. Oilfields 2. Petroleum coal
3. metals 4. Gold
5. compressed natural gas
- C. 1. GOLD 2. MANGANESE
2. PETROLEUM 4. FUEL
5. GAS

Worksheet 2

- A. Accept all relevant responses.
- B. 1. Accept all relevant responses.
Possible responses: Odisha
2. Accept all relevant responses.
Possible responses: Jharkhand
3. Accept all relevant responses.
Possible responses: Karnataka
4. Accept all relevant responses.
Possible responses: Goa
5. Accept all relevant responses.
Possible responses: Maharashtra
- C. Accept all relevant responses.

Theme 3: We Adapt to Survive

Ch-4: Emperor Ashoka

Main Coursebook

I am ready: Accept all relevant responses

Icebreaker: NATIONAL EMBLEM

In-text Question (Page 26)

1. Lord Buddha 2. Public places

I am a learner

- A. 1. b 2. c 3. c
4. c 5. b
- B. 1. empire 2. Bindusara 3. Pataliputra
4. 30 5. edicts
- C. 1. Ashoka attacked Kalinga (present-day Odisha) to bring it under his empire.
2. It is situated in the eastern part of India.
- D. 1. The death and destruction from the war made Ashoka remorseful. He decided not to fight any more wars. After the war, he devoted his life for the welfare and betterment of his people.
2. Ashoka began the *Dhamma* way of conquest and not war. He realized that fighting a war does no good. He spread messages of peace.
3. Ashoka issued edicts with principles of *Dhamma* to be put up in the public places. He went on regular tours to solve the problems of his people.

I am an artist: Accept all relevant responses

MY SECRET JOURNAL: Accept all relevant responses

I am a doer: Natural gas

I am an all-rounder

A. **English:**

1. Ashoka rules over a major part of India.
2. Ashoka spreads the message of peace.

B. **Maths:** 504 each

C. **Science:** Accept all relevant responses

Suggested answer: Plants are important because they provide us with food, oxygen and absorb carbon dioxide.

I am a project whiz: Accept all relevant responses

I love my little book: Accept all relevant responses

Students' Worksheets

Worksheet 1

- A. 1. Mauryan Dynasty 2. Ashoka
3. Pataliputra 4. Odisha
5. Buddha
- B. 1. Mauryan Dynasty 2. Wood
3. edicts 4. public places
5. hospitals
- C. 2. The first ruler of the dynasty was Chandragupta Maurya.
4. Emperor Ashoka fought the Kalinga War.
5. Edicts were placed in different parts of the Mauryan Empire.

Worksheet 2

- A. 1. Mauryas 2. land 3. Bindusara
4. wooden 5. edicts
- B. 1. e 2. c 3. b
4. a 5. d
- C. 1. false 2. true 3. true
4. true 5. false

Worksheet 3

- A. 1. empire 2. dynasty
3. the royal palace 4. the Kalinga War
5. pillars
- B. 1. They established the first ever empire in the history of India.
2. They controlled less land than any previous ruler or dynasty.
4. Ashoka became the emperor after Bindusara.
5. The capital of Ashoka's empire was Pataliputra.
- C. 1. Babur 4. Shah Jahan

Worksheet 4

- A. 1. 2000 2. first 3. 30
4. Kalinga 5. rest
- B. 1. Odisha
2. tolerance, coexistence, non-violence and respect for elders
3. temples 4. wells 5. hospitals
- C. 3. The capital was surrounded by a steel wall to keep enemies away.
4. There were houses, temples, shops and marketplaces only in the city.

Teacher's Worksheets

Worksheet 1

- A. 1. The Mauryas established the first ever empire in India.

- A committee of 30 members looked after the administration of the city.
- The Ashokan empire won the Kalinga War.
- The policy of conquest through the teachings of Lord Buddha is known as the path of Dhamma.
- Ashoka took many welfare measures after the Kalinga War. He built roads, and rest houses, planted trees, dug wells, built hospitals for people and animals. He even went on regular tours and tried to solve the problems of the people.

- B. 1. Chandragupta Maurya 2. Pataliputra
3. edicts 4. roads 5. tours
- C. 1. EMPIRE 2. DYNASTY
3. EDICTS 4. PILLARS
5. PLACES

Worksheet 2

- A. 1. True 2. False 3. True
4. True 5. True
- B. 1. Bindusara 2. wooden 3. 30
4. Dhamma 5. tours
- C. Accept all relevant responses.

Theme 4: Things We Need Ch-5: Maps

Main Coursebook

I am ready

- A. Delhi B. Nepal
C. Bay of Bengal D. Madhya Pradesh

Icebreaker: SPHERICAL

In-text Question (Page 33)

1. false 2. true

I am a learner

- A. 1. b 2. c 3. b
4. c 5. c
- B. 1. globe 2. atlas 3. rainfall
4. scale 5. shallow waters
- C. 1. The names of the eight directions are: east, west, north, south, north-east, north-west, south-east, and south-west.
2. In a map, the practice of keeping the proportions of elements same, such as continents and oceans as they are in the real world, while changing their size is known as drawing to scale.
3. Neha is marking deep waters.

- D. 1. The three types of maps are:
Physical maps show landforms, such as mountains, plains
Political maps show countries and their capitals
Climatic maps show general information about climate and rainfall
2. Shades of blue show water bodies, shades of green show plains or lowlands, and shades of brown show highlands.

I am an artist: Accept all relevant responses

MY SECRET JOURNAL: Accept all relevant responses

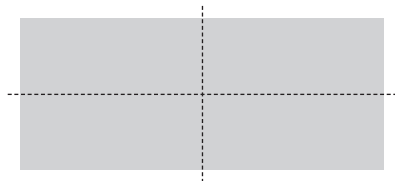
I am a thinker: The Earth looks mostly blue because it is three fourths of water.

I am an all-rounder

A. English

- The first atlas was published by a Flemish cartographer.
- A globe is an accurate model of the Earth.

B. Maths:



- C. **Science:** Srinagar is in the northern part of India. Sheep give wool. They give birth to their younger ones.

I am a project whiz: Accept all relevant responses

I love my little book: Accept all relevant responses

Students' Worksheets

Worksheet 1

- A. 1. Earth 2. difficult 3. Latin
4. spherical 5. Physical
- B. 1. a napkin 2. cartographer
3. sphere 4. East 5. brown
- C. 1. An atlas is a book of maps.
2. We use a map to study the Earth.
4. The word 'map' has been derived from the Latin word, *mappo*.

Worksheet 2

- A. 1. accurate 2. flat 3. Climatic
4. four 5. space
- B. 1. G 2. M 3. G
4. G 5. M

- C. 1. false 2. true 3. false
4. true 5. true

Worksheet 3

- A. 1. details 2. atlas 3. West
4. scale 5. symbols
- B. 1. e 2. a 3. d
4. b 5. c
- C. 5. South-East

Worksheet 4

- A. 1. Earth 2. maps of forests and wildlife
3. four 4. plains or lowlands
5. legend
- B. 3. Shades of blue show deep waters.
4. Shades of light blue show water bodies.
- C. 5. South-South

Teacher's Worksheets

Worksheet 1

- A. 1. GLOBE 2. ATLAS 3. LANDFORM
4. CIRCLE 5. LEGENDS
- B. 1. True 2. False 3. True
4. False 5. True
- C. 1. EARTH 2. GLOBE 3. MAPS
4. SCALE 5. DIRECTIONS

Worksheet 2

- A. Accept all relevant responses.
Possible responses:
- Physical maps 2. Political maps
 - Climatic maps 4. Population maps
 - Industries maps
- B. Accept all relevant responses
- C. 1. A map is a representation of the Earth's surface or a part of it on a flat medium.
2. Flemish Cartographer, Gerardus Mercator published the first atlas.
3. The four major directions are – North, South, East and West
4. The scale can be understood as the ratio between the distance on the ground and the distance on the map. Maps are always drawn to scale.
5. Key or legend are given on a map to help us understand the colour scheme and the symbols used.

Theme 5: Our Universe Ch-6: Satellites

Main Coursebook

I am ready

- A. explorer B. astronaut

Icebreaker: PLANET

In-text Question (Page 39)

1. Aryabhata 2. IRS-1A

I am a learner

- A. 1. c 2. b 3. c
4. c 5. c
- B. 1. Moon 2. rockets 3. 1957
4. Remote 5. IRS-1A
- C. 1. Artificial satellites are man-made and natural satellites exist naturally.
2. Artificial satellites are used for communication, weather forecasting, and remote sensing.
3. Communication satellites aid this.
- D. 1. Meteorological satellites help us predict the weather by taking pictures of the movements of clouds. They give us early warnings of dangerous storms, cyclones, forest fires, floods or moving glaciers. These satellites also monitor rainfall. This helps our farmers plan the cultivation of crops better.
2. India has a strong space programme like many other countries. India launched its first communication satellite, Aryabhata, in 1975. India's GSAT (Geostationary Satellites) satellites are used for the purpose of audio-visual communication. IRS-1A, India's first remote sensing satellite, was launched on 17 March 1988. Today, several highly advanced Indian Earth Observation (EO) Satellites are floating in space. These satellites help scan the Earth's surface.

I am an artist: Accept all relevant responses

MY SECRET JOURNAL: Accept all relevant responses

I am a doer: Accept all relevant responses

I am an all-rounder

- A. **English:**
1. a. man-made 2. a. harmful
- B. **Maths:** 53 is a prime number because it is divisible only by 1 and the number itself.
- C. **Science:** The Moon revolves around the Earth. It takes 27 days and 8 hours to revolve around the Earth.

I am a project whiz: Accept all relevant responses

I love my little book: Accept all relevant responses

Students' Worksheets

Worksheet 1

- A. 1. Object 2. Natural artificial
3. Moon 4. surface 5. crops
- B. 1. Moon 2. rockets 3. television
4. October 5. Aryabhata
- C. 3. Moon

Worksheet 2

- A. 1. Satellites 2. man 3. weather
4. map 5. IRS/1A
- B. 1. A 2. A 3. N
4. A 5. A
- C. 1. false 2. true 3. false
4. true 5. true

Worksheet 3

- A. 1. help us predict weather
2. give us early warnings of natural disasters
3. help us in disaster management efforts
4. monitor rainfall
5. help farmers plan cultivation
- B. 5. 1975
- C. 1. c 2. e 3. d
4. a 5. b

Teacher's Worksheets

Worksheet 1

- A. 1. Artificial satellites are launched into space with the help of rockets.
3. Remote sensing satellites help us map different parts of the Earth.
5. GSAT satellites are used for the purpose of audio-visual communication.
- B. 1. natural satellite 2. signals
3. movements of clouds
4. Remote sensing satellites 5. IRS-1A
- C. 1. True 2. True 3. False
4. True 5. False

Worksheet 2

- A. 1. satellite 2. man-made
3. 4 October, 1957 4. space
5. Geostationary Satellites
- B. 1. False 2. True 3. False
4. True 5. True

C. Accept all relevant responses.

Possible response: Artificial satellites are designed for scientific research as well as entertainment. They give us valuable information about the atmosphere of the Earth. Some of their uses are: Communication, Weather forecasting, Remote sensing.

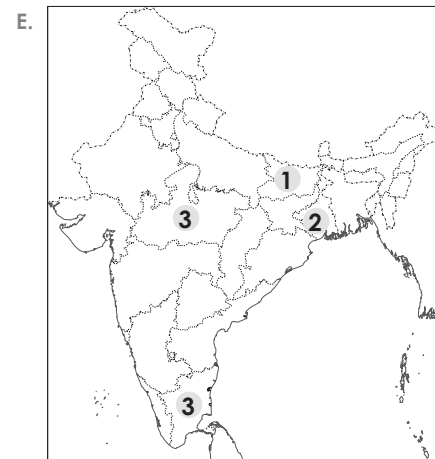
Enrichment Activities

- A. Accept all relevant responses
- B. 1. Indus Valley Civilization
2. Mesopotamian Civilization
3. Egyptian Civilization
4. Egyptian Civilization
5. Chinese Civilization

C.

L	I	M	E	S	T	O	N	E
R	L	Q	A	X	U	L	T	S
I	F	W	C	O	A	L	V	T
R	E	U	O	F	O	R	N	O
O	C	N	P	A	X	K	L	N
N	H	C	P	V	S	E	S	E
O	J	H	E	S	E	D	X	S
R	C	E	R	E	N	T	Q	V
E	D	B	A	U	X	I	T	E

D. Accept all relevant responses



Revision Worksheet

- A. 1. b 2. a 3. a
4. c 5. b
- B. 1. c 2. a 3. b.
4. e 5. d
- C. 1. bamboo plates 2. two
3. water 4. the Earth's surface
5. man-made

- D.
1. Papyrus are paper-like sheets made from a plant. The Egyptians used it to write.
 2. Non-metallic minerals such as petroleum, coal, limestone, etc. are used as fuels. These minerals are called fossil fuels or mineral fuels.
 3. Sprinklers are used for irrigation purposes. With the help of a sprinkler, water is sprayed into the air using a pipe. The water then falls on crops like rain.
 4. After the Kaling War, seeing at the death and destruction, Ashoka decided to give up the policy of conquest through war and began to follow a policy of conquest through the teachings of Lord Buddha.
 5. Flemish cartographer, Gerardus Mercator published the first-ever atlas.
 6. The Chinese civilization came up along the River Hwang Ho. The king held a very powerful place in the Chinese society. Priests, officers and soldiers, helped the king rule. The Chinese worshipped the sky, the Sun, the rivers. The Great Wall of China was built to keep out their enemies. Tea was first grown by the Chinese. Compass, umbrella,

paper money is some of the important inventions by the Chinese.

7. Dams are very strong walls built across a river to stop the flow of water. A reservoir or an artificial lake is created behind a dam. It helps control floods and provide water for irrigation.
 8. Three metallic minerals are: copper, bauxite and manganese.
 9. *Dhamma* is a path laid by Lord Buddha. It is a policy of conquest not through war but through tolerance, coexistence, non-violence and respect for elders.
 10. The world's first artificial satellite was launched into space on 4 October 1957.
- E.
1. River Indus River Tigris
 2. Karnataka Madhya Pradesh
 3. Canals Tanks
 4. Physical map Political map
 5. Aryabhata IRS-1A

Answers

Theme 6: India – Our Country Ch-7: Physical Features of India- I

Main Coursebook

I am ready

- A. Himachal Pradesh
- B. K2

Icebreaker: Mount Everest

In-text Question (Page 52)

- 1. false
- 2. false

In-text Question (Page 53)

- 1. true
- 2. false

I am a learner

- A. 1. c 2. a 3. b
4. c 5. a
- B. 1. true 2. false 3. true
4. false 5. false
- C. 1. People living in hilly ranges are engaged in terrace farming. In terrace farming, farmers cut terraces or steps along the mountain slopes. A variety of crops, such as rice, maize, potatoes and barley.
- 2. The three river basins of the north are Satluj, Ganga, and Brahmaputra.
- 3. Neha is visiting the Purvanchal Hill Ranges.
- D. 1. The Himalayas extend from Jammu & Kashmir to Arunachal Pradesh. This range lies between the borders of Nepal and China. The Himalayas are classified into three ranges that run parallel to each other. The Greater Himalaya/Himadri is the highest among the three ranges. It is home to glaciers that are the origins of rivers such as the Ganga, Brahmaputra and so on. The Middle Himalaya/Himachal is located south of the Himadri which has many hill stations. The Outer Himalaya/Shivalik is the lowest in height among the three and is full of forests and rich in wildlife.
- 2. The coastal plains are divided into two parts, namely, the western coastal plains and the eastern coastal plains. The western coastal plains are situated between the Western Ghats and the Arabian Sea. It stretches from Gujarat to Kerala. The eastern coastal plains are situated between the Eastern Ghats and the Bay of Bengal. It stretched from West Bengal to Tamil Nadu. The northern part is called the Northern Circars. The

southern part is called the Coromandel Coast.

I am an artist: Accept all relevant responses

MY SECRET JOURNAL: Accept all relevant responses

I am a thinker: I'm more likely to find a port in Maharashtra because it is situated in the coastal region.

I am an all-rounder

- A. **English:** 1. Cold 2. fertile
- B. **Maths:** 1. Five point three three
- C. **Science:** rose marigold

I am a project whiz: Accept all relevant responses

I love my little book: Accept all relevant responses

Students' Worksheets

Worksheet 1

- A. 1. Arunachal Pradesh 2. Indus
3. Terrace farming 4. Himalayan
5. coastal plain
- B. 1. Forests 2. Beas 3. basin
4. farming 5. Kanniyakumari
- C. 2. A coastal plain is a flat and level land that runs along the coast.
- 3. The northern part of the Eastern Coastal Plains is known as the Northern Circars.
- 4. The numerous ports located in coastal plains are used to export and import goods.

Worksheet 2

- A. 1. Purvanchal Hill Ranges 2. Alluvium
3. Satluj, Ganga and Brahmaputra
4. farming
5. western coastal plain eastern coastal plains
- B. 1. H 2. H 3. C
4. H 5. C
- C. 1. true 2. false 3. true
4. false 5. true

Worksheet 3

- A. 1. three 2. K2 3. south
4. Yamuna 5. Punjab
- B. 1. Bihar 2. Assam 3. Haryana
4. Gujarat
- C. 1. false 2. false 3. false
4. false 5. true

Worksheet 4

- A. 1. snow 2. Alluvium 3. Haryana
4. largest 5. Gujarat
- B. 1. e 2. a 3. b
4. c 5. d
- C. 2. Sikkim

Teacher's Worksheets

Worksheet 1

- A. 1. The three ranges of the Himalayas are:
i. The Greater Himalaya or Himadri
ii. The Middle Himalaya or Himachal
iii. The Outer Himalaya or Shivalik
2. The people of the Ladakh and the Karakoram Mountains are engaged in terrace farming, wood carving or sheep rearing.
3. The Purvachal Hills lie in the north-eastern part of India.
4. Several Himalayan rivers bring silt, sand and tiny pieces of rocks with them. The silt deposited by the rivers is quite fine in nature. It is called alluvium.
5. Ganga and Brahmaputra form the world's largest delta, called the Sundarban Delta.
- B. 3. The eastern coastal plains and the western coastal plains meet at Kanniyakumari.
4. Most people in the coastal plains of India are engaged in farming and fishing.
5. The coastal plains have ports that are used to export and import.
- C. 1. KARAKORAM 2. PURVACHAL
3. HIMALAYAS 4. NAINIAL
5. SIKKIM

Worksheet 2

- A. 1. Arunachal Pradesh 2. north
3. K2 4. forests 5. Tibet
- B. Accept all relevant responses.

Possible response:

- This is the northern most and the highest range of the Himalayas. It is home to glaciers that are origins of rivers like Ganga, Brahmaputra. Kanchenjunga is one of its highest peaks.
- This is located at the south of the Himadri. It includes many hill stations like Shimla, Nainital, Darjeeling. It houses forests of fir, pine and deodar trees.

3. This is the lowest range of the Himalayas. It has forests and land that is suitable for cultivation. This region is thickly populated and rich in variety of flora and fauna.

- C. 1. True 2. False 3. True
4. False 5. True

Theme 6: India – Our Country Ch-8: Physical Features of India- II

Main Coursebook

I am ready

A	R	A	J	A	S	T	H	A	N
C	K	I	R	E	Z	P	R	M	B
A	H	N	L	M	H	I	B	C	D
C	A	M	E	L	S	R	M	E	F
T	E	Q	C	F	O	N	I	N	G
U	X	D	W	O	P	X	N	X	T
S	Z	C	A	P	M	C	F	Z	Y
S	A	N	D	D	U	N	E	S	P

Icebreaker: Peninsula

In-text Question (Page 58)

1. Hot and dry 2. River Satluj

In-text Question (Page 60)

1. true 2. false

I am a learner

- A. 1. b 2. a 3. a
4. c 5. a
- B. 1. oasis 2. Ship 3. minerals
4. Madhya Pradesh
5. Andaman and Nicobar Islands
- C. 1. Chhattisgarh, Andhra Pradesh
6. A piece of land surrounded by water on all sides is called an island.
7. Naina is visiting Maharashtra.
- D. 1. The Thar Desert or the Great Indian Desert is a rocky and sandy land. It lies to the west of the Aravalli Hills, in Rajasthan. Its extent is from the Rann of Kachchh in Gujarat via Rajasthan to the borders of Haryana. Luni is a major river here. Oases are found in some places. People grow crops and settle surrounding this. Rainfall is scanty.
2. Andaman and Nicobar Islands in the Bay of Bengal are hilly islands. Here, most people are engaged in fishing and farming. Arabian Sea houses

the second-big island group of India, Lakshadweep. Their main crop is coconut. Coir industry is an important industry here. Most people speak Malayalam.

I am an artist: Accept all relevant responses

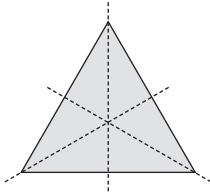
MY SECRET JOURNAL: Accept all relevant responses

I am a doer: Accept all relevant responses

I am an all-rounder

A. **English:** 1. many 2. much

B. **Maths:**



C. **Science:** Cactus Agave

I am a project whiz: Accept all relevant responses

I love my little book: Accept all relevant responses

Students' Worksheets

Worksheet 1

- A. 1. Indian 2. animals 3. Narmada
4. mining 5. Bay
- B. 1. Gujarat 2. Camel 3. Jaipur
4. River Godavari
5. Lakshadweep
- C. 3. The Deccan Plateau is surrounded by the Western and Eastern Ghats.
4. This plateau extends from River Narmada to India's southern peninsular tip.
5. The rivers flowing from the Western Ghats break the Eastern Ghats into small hill ranges.

Worksheet 2

- A. 1. sand 2. Banjaras
3. southern plateaus 4. Bangla
5. coir
- B. 1. CH 2. DP 3. DP
4. DP 5. CH
- C. 1. false 2. false 3. true
4. false 5. true

Worksheet 3

- A. 1. Luni 2. food 3. triangular
4. Jharkhand 5. coconut
- B. 1. c 2. d 3. e
4. b 5. a
- C. 5. Madhya Pradesh

Worksheet 4

- A. 1. sand dunes 2. River Satluj
3. River Godavari 4. mining
5. fishing
- B. 3. Jaipur is popularly known as the 'Blue City'.
5. The region supports the growth of bushes, thorny shrubs and rice.
- C. 1. rice 5. sugarcane

Teacher's Worksheets

Worksheet 1

- A.

L	U	N	I	O	P	J
B	A	J	R	A	X	O
G	Q	G	G	D	H	W
V	C	A	M	E	L	A
T	J	R	O	P	W	R
G	H	O	O	M	A	R
- B. 1. Aravalli Hills 2. oasis
3. Pink City
4. Godavari, Krishna Kaveri
5. Coir Industry
- C. 1. True 2. True 3. True
4. True 5. False

Worksheet 2

- A. 1. It lies to the west of the Aravalli Hills.
2. Its extent is from Rann of Kachchh in Gujarat via Rajasthan to the borders of the Haryana.
3. Luni is a major river here.
4. The Indira Gandhi Canal transports water to the desert.
5. People who travel from place to place in search of food for themselves and their animals are called banjaras.
- B. 1. Delhi 2. Neem 3. Rice
4. Elephants 5. Suit
- C. Accept all relevant responses

Theme 7: Let Us Be Aware

Ch-9: Our Rights and Duties

I am ready

P	U	D	U	C	H	E	R	R	Y	X	M
C	K	I	R	E	Z	P	A	M	B	Q	D
A	H	K	L	M	H	I	J	C	D	B	M
C	H	A	N	D	I	G	A	R	H	W	Z
T	E	R	C	F	O	N	K	N	G	E	S
T	X	N	W	O	P	X	E	X	T	X	W
U	A	A	A	P	M	C	R	Z	Y	D	G
S	A	T	D	D	U	N	A	S	P	W	O
Z	S	A	Q	S	A	M	L	V	I	A	A
W	A	K	W	F	H	G	A	K	E	D	W
X	L	A	K	S	H	A	D	W	E	E	P

Icebreaker: GOVERNMENT

I am a learner

- A. 1. a 2. a 3. a
 4. b 5. a
- B. 1. true 2. false 3. false
 4. false 5. true
- C. 1. If a citizen's fundamental rights are denied she/he can move the court.
 2. Yes, Mala is breaking the law because as a citizen of India she is going against the Fundamental Rights. The fundamental right, the Right against exploitation, doesn't allow children below 14 years of age to work.
- D. 1. The Constitution of India details the Fundamental Rights and Fundamental Duties. Fundamental Rights are certain basic rights set out for the well-being of every citizen in the country. If these rights are denied, the citizens can move court for protection.
 2. Yes, The Constitution lists certain instructions for the government to ensure the welfare of citizens. These instructions are known as Directive Principles.

I am an artist: Accept all relevant responses

MY SECRET JOURNAL: Accept all relevant responses

I am a thinker: Fundamental Rights are certain basic rights set out for the well-being of every citizen in the country. There are also certain responsibilities towards our country which are expected to perform as citizens of India. These are called the Fundamental Duties. So, as

responsible citizens, it is our Fundamental Duty to obey our Constitution, respect the national symbols, take good care of the environment, public property and work towards preserving our cultural heritage.

I am an all-rounder

A. English

1. Out of the blue
2. falls on deaf ears

B. Maths: 1 month/30 days are left for Hiya's birthday

C. Science: Accept all relevant responses

I am a project whiz: Accept all relevant responses

I love my little book: Accept all relevant responses

Students' Worksheets

Worksheet 1

- A. 1. rules and regulations
 2. India 3. 1950
 4. republic 5. 26th January
- B. 1. GOVERNMENT 2. CONSTITUTION
 3. REPUBLIC 4. EQUALITY
 5. FREEDOM
- C. 1. false 2. true 3. false
 4. false 5. true

Worksheet 2

- A. 1. Government 2. B R Ambedkar
 3. 26th January 1950 4. Right to equality
 5. minorities
- B. 1. b 2. a 3. e
 4. c 5. d
- C. 1. false 2. false 3. false
 4. true 5. true

Worksheet 3

- A. 1. six 2. freedom 3. within
 4. unfairly 5. religion
- B. 1. FR 2. FD 3. FR
 4. FD 5. FR
- C. 1. EQUAL 2. FREE EDUCATION
 3. RELIGION 4. LAW 5. COURT

Worksheet 4

- A. 1. effect 2. Duties 3. without pay
 4. religion 5. welfare
- B. 2. Minorities can develop and protect their culture.
 5. There can be no discrimination based on caste, religion or gender.
- C. 2. Dr B R Ambedkar

Teacher's Worksheets

Worksheet 1

- A. 1. The Constitution of India is the longest written constitution in the world.
2. The six Fundamental Rights are:
- Right to equality
 - Right to freedom
 - Right against exploitation
 - Right to freedom of religion
 - Cultural and educational rights
 - Right to constitutional remedies
3. The Constitution also lists certain instructions for the government to ensure the welfare of citizens. These instructions are known as Directive Principles.
4. Under the right to equality, all citizens are equal before the law. All citizens, irrespective of their religion, caste, race, gender and place of birth, are treated as equals.
5. Under Right to Constitutional Remedies an Indian citizen can move court.
- B. 1. T 2. T 3. T
4. F 5. F
- C. 1. Directive Principles are the instructions listed by the constitution for the government.
3. Under the Directive Principles people should have proper living conditions.
4. Under the Directive Principles every person should get proper treatment when they fall sick.

Worksheet 2

- A. 1. Right to equality 2. Right to freedom
3. Right against exploitation
4. Right to freedom of religion
5. Cultural and educational rights
6. Right to constitutional remedies
- B. 1. CONSTITUTION 2. EQUALITY
3. RIGHTS 4. EDUCATION
5. CITIZEN
- C. The citizens of India are expected to perform certain duties towards the country. These are known as Fundamental Duties. Some examples are: We must obey our constitution and respect the national symbols, we should take care of the environment and public property and we must preserve our cultural heritage.

Theme 7: Let Us Be Aware Ch-10: Self-Government

Main Coursebook

I am ready: Accept all relevant responses

Icebreaker: ASIA

In-text Question (Page 70)

1. false 2. true

I am a learner

- A. 1. b 2. a 3. b
4. a 5. c
- B. 1. Districts 2. three 3. Sarpanch
4. Panchayat 5. local
- C. 1. Panchayat is a local self-government system in the village or rural areas. This rural self-government works towards the development of agriculture, irrigation, health, education and rural development with the help of the local people.
2. Janvi is presenting her complaint to the Gram Panchayat.
- D. 1. All citizens of the country need some basic services or civic amenities, such as clean drinking water, electricity, roads, transport, schools, colleges and hospitals. The local self-government or the government elected by the people provides civic amenities at the local level.
2. The local self-governing bodies function to attend to the problems related to clean drinking water supply, electricity, maintenance of roads and sanitation.

I am an artist: Accept all relevant responses

MY SECRET JOURNAL: Accept all relevant responses

I am a doer: Accept all relevant responses

I am an all-rounder

A. **English:** 1. bridge 2. pledge

B. **Maths:** 2065 p

C. Science

- Always reach on time to avoid last minute rush due to delay.
- Stay alert for announcements, especially those that are made for passengers.
- Be aware of your surroundings. Do not talk to strangers.
- Avoid carrying sharp objects during journey.

(Accept any two)

I am a project whiz: Accept all relevant responses

I love my little book: Accept all relevant responses

Students' Worksheets

Worksheet 1

- A. 1. districts 2. administrative
3. civic amenities 4. three
5. large
- B. 1. municipal corporation or committee
2. municipal corporation or committee
3. Pradhan or Sarpanch
4. ward
5. mayor
- C. 1. They are formed in rural areas.
3. The *Sarpanch* heads the Gram Panchayat.
4. The *Pradhan* is elected by the members of the Panchayat.
5. Panchayats work towards various development issues through local effort.

Worksheet 2

- A. 1. 28 2. smaller 3. civic
4. Clean drinking water 5. local
- B. 3. chief minister 4. *sarpanch*
- C. 1. false 2. false 3. true
4. false 5. true

Worksheet 3

- A. 1. ROAD 2. SCHOOL 3. COLLEGE
4. TRANSPORT 5. DRINKING WATER
- B. 1. b 2. a 3. e
4. c 5. d.
- C. 4

Worksheet 4

- A. 1. states 2. state 3. rural
4. local 5. big
- B. 1. WARD 2. MAYOR 3. DISTRICT
4. NAGAR NIGAM
5. DEPUTY MAYOR
- C. 1. false 2. true 3. false
4. true 5. true

Teacher's Worksheets

Worksheet 1

- A. 1. The Panchayati Raj is a system of local self-government.
2. The municipal committee is also known as nagar palika.
5. The mayor is assisted by a deputy mayor.

- B. 1. DISTRICTS 2. CIVIC AMENITIES
3. ELECTIONS 4. MAYOR
5. MUNICIPAL CORPORATION
- C. 1. True 2. False 3. True
4. False 5. True

Worksheet 2

- A. 1. Clean drinking water
2. Electricity 3. Roads
4. Schools and Colleges
5. Hospitals

B.

A	H	M	E	D	A	B	A	D
X	G	T	M	E	D	R	T	A
Q	U	N	K	L	B	K	C	D
T	W	S	P	H	E	D	S	I
B	A	J	Q	I	D	J	X	O
Z	H	O	S	Z	P	U	N	E
N	A	S	D	A	Z	K	X	M
M	T	Y	R	W	L	D	D	S
Y	I	C	H	E	N	N	A	I

- C. Accept all relevant responses.

Possible response: The local self-governing bodies attend to local problems of the citizens related to clean drinking water supply, electricity, maintenance of roads and sanitation.

Theme 8: Technology and Us

Ch-11: Agriculture in India

Main Coursebook

I am ready: Accept all relevant responses

Icebreaker: SUGARCANE

In-text Question (Page 75)

1. true 2. true

I am a learner

- A. 1. a 2. a 3. a
4. a 5. a
- B. 1. false 2. false 3. true
4. true 5. false
- C. 1. Agriculture means growing plants or crops on land. Horticulture, livestock rearing and fishing are also included in agriculture.
2. Sugarcane and tea are cash crops.
3. Cash crop
- D. 1. Various factors have contributed to the increase in India's total agricultural production. They are as follows:

1. use of tractors and other modern machinery for agriculture,
 2. use of fertilisers and pesticides,
 3. use of better-quality seeds, and
 4. bringing more areas under irrigation
2. Difference between marine and inland fishing:

Marine fishing	Inland fishing
i. catching fish from the sea	i. catching fish from lakes, ponds, canals and rivers
ii. Sardine, mackerel and shrimp are commonly found here.	ii. Prawn, rohu, catla and trout are commonly found here.
iii. It is common in coastal states of India.	iii. It is popular in Chhattisgarh, WestBengal, Assam and Himachal Pradesh.

I am an artist: Accept all relevant responses

MY SECRET JOURNAL: Accept all relevant responses

I am a thinker: Rice is a staple food in West Bengal along with fish because it is easily found there.

I am an all-rounder

- A. **English:** 1. inside 2. in
 B. **Maths:** 50 m
 C. **Science:** Tube well

I am a project whiz; Accept all relevant responses

I love my little book: Accept all relevant responses

Students' Worksheets

Worksheet 1

- A. 1. Agriculture 2. two-thirds
 3. Agriculture 4. soil
 5. food
 B. 1. RAGI 2. RICE 3. WHEAT
 4. PULSES 5. MILLET
 C. 1. false 2. false 3. false
 4. true 5. false

Worksheet 2

- A. 1. tea 2. wheat
 3. marine fishing 4. agriculture
 5. horticulture

- B. 1. b 2. e 3. a
 4. c 5. d

C. 4. They are grown for consumption by people.

Worksheet 3

- A. 1. Horticulture 2. suitable 3. millet
 4. cash 5. tractors
 B. 1. WHEAT 2. JUTE 3. COFFEE
 4. COTTON 5. SUGARCANE
 C. 5. sugarcane (✓)

Worksheet 4

- A. 1. land 2. farming 3. Moong
 4. Coffee 5. market
 B. 1. F 2. F 3. F
 4. C 5. C
 C. 5. Marine fishing is popular in the states of India located close to river basins.

Teacher's Worksheets

Worksheet 1

- A. 1. millets 2. sale 3. livestock
 4. horticulture 5. Marine
 B. 1. b 2. e 3. d
 4. c 5. a
 C. 1. MILLETS 2. BAJRA 3. RAGI
 4. JOWAR 5. ARHAR

Worksheet 2

- A. 1. two 2. cash 3. keep
 4. Marine 5. Horticulture
 B. 1. Use of tractors and other modern machinery
 2. Use of fertilisers and pesticides
 3. Use of better-quality seeds
 4. Bringing more areas under irrigation.
 C. 1. Agriculture means to grow plants or crops on land.
 2. Crops grown in India can be classified as – food crops and cash crops.
 3. Cow, buffalo, sheep, goat, bullock, camel, mule and yak are some examples of livestock rearing.
 4. Horticulture means the cultivation of flowers, fruits and vegetables. These are grown to be sold in the market.
 5. Chhattisgarh, West Bengal, Assam and Himachal Pradesh.

Theme 8: Technology and Us

Ch-12: Industries in India

Main Coursebook

I am ready

- A. cotton B. Kanchipuram

Icebreaker: EMBROIDERY

In-text Question (Page 82)

1. true 2. false

I am a learner

- A. 1. c 2. c 3. c
4. c 5. c
- B. 1. natural 2. cannot
3. cottage industry 4. large-scale
5. shipbuilding
- C. 1. A factory is a place where raw materials are turned into finished products.
2. A cottage industry is an industry set up at home. Only a few people are engaged in it. Simple tools and raw materials are used by the workers.
3. Ritu works in a small-scale industry because hosiery items come under small-scale industry.
- D. 1. Small-scale industries work on a small scale. A few people are employed in such industries. They use small machines and work in small factories. Utensils, hosiery items, garments and electrical goods are made in small-scale industries.
2. Differences between small-scale and large-scale industries

Small-scale industry	Large-scale industry
i. few people are engaged	i. thousands of trained and skilled workers are engaged
ii. small machines are used	ii. big machines are used to produce a huge quantity of goods

I am an artist: Accept all relevant responses

MY SCRET JOURNAL: Accept all relevant responses

I am a doer: Accept all relevant responses

I am an all-rounder

- A. **English:** 1. busy 2. sweet
B. **Maths:** Litre
C. **Science:** Muscular force

I am a project whiz: Accept all relevant responses

I love my little book: Accept all relevant responses

Students' Worksheets

Worksheet 1

- A. 1. cannot 2. silk 3. factory
4. cottage 5. Very few
- B. 1. RAW MATERIALS 2. MONEY
3. POWER SUPPLY 4. TRANSPORT
5. HUMAN LABOUR
- C. 1. S 2. L 3. S
4. S 5. L

Worksheet 2

- A. 1. raw 2. finished products
3. three 4. simple
5. cottage industries
- B. 1. b 2. a 3. d
4. e 5. c
- C. 1. false 2. false 3. true
4. false 5. false

Worksheet 3

- A. 1. logs of wood 2. machinery
3. houses 4. simple
5. Weaving
- B. 3. fertile soil
- C. 2. extracting oil
5. Electronic good manufacturing factory

Worksheet 4

- A. 1. raw material 2. finished product
3. human labour 4. factory
5. cottage industry
- B. 3. machinery 4. factory workers
- C. 1. cottage industry

Teacher's Worksheets

Worksheet 1

- A. 1. No, natural resources cannot be used directly.
2. Cottage industries are industries that are set up in house where only a few people are engaged in work. Simple tools and raw materials are used. Some examples are extracting oil, weaving cloth, etc.
3. Small-scale industries are industries where few people are employed. They use small machines and work in small factories. Some examples are utensils, electrical goods, etc.

4. In large-scale industries, thousands of trained and skilled workers are engaged. Big machines are used to produce goods. Some examples are iron and steel plants, textile mills, oil refineries, chemical plants, etc.

5. Various coastal cities, such as Kochi (Kerala), Mumbai (Maharashtra) Vishakhapatnam (Andhra Pradesh), are home to shipbuilding industries.

B. 1. T 2. F 3. T

4. T 5. T

C. 2. The vast majority of large-scale industries are in or near big cities.

3. Machineries, chemicals, cement are important industries of India.

5. In a factory, raw material is turned into finished products.

Worksheet 2

A. 1. Raw materials 2. Power supply
3. Machinery 4. Money
5. Human Labour

B. 1. Srinagar, Ahmedabad
2. Bhilai, Visakhapatnam
3. Gurugram, Mumbai
4. Marmagao, Kochi
5. Kapurthala, Kolkata

C. 1. Grinding flour, Extracting oil, Weaving cloth
2. Hosiery items, garments, electrical goods
3. Iron and steel plants, textile mills, oil refineries

Theme 9: Never Give Up Ch-13: Things We Make

Main Coursebook

I am ready: Accept all relevant responses

Suggested answers: Carpenters, architects, potter, scientists

Icebreaker: BRIDGE

In-text Question (Page 87 Top)

1. false 2. true

In-text Question (Page 87 Bottom)

1. Meghalaya 2. Arunachal Pradesh

I am a learner

A. 1. a 2. c 3. c

4. a 5. c

B. 1. true 2. false 3. true

4. false 5. true

C. 1. A bridge is a physically built structure that helps us cross obstacles, such as rivers, roads, forests, etc.

2. Living tree bridges are some special bridges made by guiding the roots of trees to grow knitted patterns.

3. Mira stepped on asphalt. It is a material used to construct roads.

D. 1. Advantages of building a bridge:

i. helps us cross obstacles, such as rivers, roads, forests, etc.

ii. helps us connect to different parts of the country

iii. improves mobility

iv. helps people and vehicles move to and fro, without disturbing the life of fishes below

2. While constructing modern wonders of the world, we must ensure that there is no irreversible harmful impact on our environment. Constructing new buildings and bridges also results in the cutting down of trees and removal of natural vegetation that impacts the lives of many humans and animals, alike. We need to ensure that this loss of nature is minimal.

I am an artist: Accept all relevant responses

MY SECRET JOURNAL: Accept all relevant responses

I am a thinker: We cannot have tree bridges everywhere because we do not have such thick trees to build bridges out of.

I am an all-rounder

A. **English:** 1. Although 2. and

B. **Maths:** Accept all relevant responses

C. **Science:** Bicycle

I am a project whiz: Accept all relevant responses

I love my little book: Accept all relevant responses

Students' Worksheets

Worksheet 1

A. 1. physically 2. cross 3. easily

4. development 5. high above

B. 1. STEEL 2. STONE 3. BRICK

4. CEMENT 5. ASPHALT

C. 1. false 2. false 3. true

4. false 5. true

Worksheet 2

- A. 1. bridge 2. mobility 3. access
 4. special 5. 9.5 km
- B. 1. No 2. Yes 3. Yes
 4. No 5. Yes
- C. 5. North-east

Worksheet 3

- A. 1. bridge 2. roads 3. ropes
 4. roots of trees 5. Riwai village
- B. 4. They help people cross obstacles easily.
- C. 1. length

Teacher's Worksheets

Worksheet 1

- A. 1. A bridge is a physically built structure that helps us cross obstacles, such as rivers, roads, forests, etc.
 2. Roads and bridges are considered the lifelines of a country's development.
 3. The living tree bridge is in Riwai village of Meghalaya.
 4. The Dhola-Sadia Bridge connects Assam and Arunachal Pradesh.
 5. Steel, cement, stone, brick and asphalt.

B.

S	T	E	E	L	B	F
T	F	V	X	S	R	D
O	I	R	O	N	I	L
N	F	W	E	Q	C	D
E	C	Z	R	I	K	K
A	S	P	H	A	L	T

- C. 1. A bridge is a physically built structure that helps us cross obstacles, such as rivers, roads, forests, etc.
 2. Roads and bridges are considered the lifelines of a country's development.
 3. In the olden days, bridges were made from steel and cement.

Worksheet 2

- A. 1. physically 2. Bridges
 3. development 4. wooden
 5. Sadia
- B. 1. True 2. False 3. True
 4. False 5. True
- C. Accept all relevant responses

Enrichment Activities

- A. Accept all relevant responses
- B. 1. Kolkata 2. Mumbai 3. Mysuru
 4. Bangaluru 5. Prayagraj

C.

B	L	I	N	V	S	T	O	N	C
I	V	A	S	I	S	L	T	H	
K	I	F	W	C	O	A	L	V	I
A	R	E	U	O	F	O	R	N	N
N	O	C	N	B	A	J	R	A	K
E	N	H	C	P	V	S	E	S	A
R	Z	P	A	S	I	S	D	X	R
O	R	C	E	R	E	N	T	Q	A
Q	E	D	B	R	A	X	K	L	S
B	L	A	C	K	B	U	C	K	L

- D. Accept all relevant responses
- E. 1. A set of rules and regulations to run a country is referred to as the constitution.
 2. The constitution of India is the longest written constitution in the world.
 3. The constitution of India came into effect on 26 January 1950
 4. Dr. B R Ambedkar is one of the founding father of our constitution
 5. The constitution of India details the Fundamental Rights and Fundamental Duties.
- F. Accept all relevant responses

Revision Worksheet

- A. 1. b 2. a 3. a
 4. c 5. a 6. a
 7. c 8. a 9. b
 10. A cow
- B. 1. Bay of Bengal 2. folk dance
 3. Directive Principles 4. Pradhan
 5. Dhola-Sadia
- C. 1. The three divisions of the Himalayan Mountain Range are: The Greater Himalaya or Himadri, The Middle Himalaya or Himachal and The Outer Himalaya or Shivalik.
 2. Cellular Jail is in Andaman and Nicobar Islands.
 3. The local government that looks after a small city is called a municipal committee. These are also known as *nagar palika* or *nagar nigam*.

4. Animals used by farmers for various help are called livestock. Cow, buffalo, sheep, goat, bullock, camel, mule, and yak are some examples.
 5. Small-scale industries work on a small scale. A few people are employed in such industries. They use small machines are used for production.
 6. In the olden days, bridges were made from ropes and wooden planks. Some special bridges, such as the living tree bridges, were made by guiding roots of trees to grow in knitted patterns.
- D.
- | | |
|---------------------|---------------|
| 1. Brahmaputra | Satluj |
| 2. extracting oil | weaving cloth |
| 3. cotton | jute |
| 4. steel | asphalt |
| 5. Himachal Pradesh | Sikkim |
- E.
- | | | |
|---------|----------|----------|
| 1. true | 2. false | 3. false |
| 4. true | 5. false | |